

Intellij, Eclipse, Sublime Text, Github, Git, <b>SVN</b> , Bitbucket			
Heap, <b>metaspace</b> , young generation, old generation, permanent generation, <b>eden</b> , <b>survivor</b> , stack			
garbage collection, JVM, class loader, JDK, JRE			
String, StringBuilder, StringBuffer, constant pool, mutable, immutable, thread safe, string tokenizer			
final, finally, s			
static, static class, static method, static variable, class variable, instance variable, <b>utils</b> class			
serializable, serialVersionUID, <b>transient</b> , serialization, <b>externalization</b> , deserialization, file system			
Inheritance, abstract class, interface, cloneable, marker interface, multiple inheritance, <b>diamond structure</b>			
<b>hierarchical</b> , extend, implement, super, shallow clone, deep clone			
polymorphism, static, dynamic polymorphism, overload, override			
Encapsulation, package, <b>access modifier</b> , private, public, default, protected			
Design pattern, singleton, readResolve, factory, <b>decorator</b> , observer, subscribe			
<b>session facade</b> , composite			
Set, List, Map, TreeMap, LinkedHashMap, ConcurrentHashMap, CopyOnWriteArrayList, HashTable, Vector			
Queue, PriorityQueue, ConcurrentModificationException, Blocking Queue			
Fail fast, Fail Safe, SynchronizedMap,			
<b>Iterator</b> , <b>Enumeration</b>			
Throwable, Exception, CompileException, RuntimeException, unchecked, throw, throws, SQLException, <b>NPE</b>			
Thread, Thread safe, Runnable, Race Condition, Deadlock,			
ThreadLocal, <b>Volatile</b> , AtomicReference, Lock, Synchronized, Synchronized Block			
Concurrency, <b>Executor</b> Service, Thread pool, cached Thread pool, Runnable, Callable, Future,			
CompletableFuture, <b>JoinForkPool</b> , Work-stealing			
Java 8, stream api, filter, map, flatmap, <b>predicate</b> , function, consumer, supplier, lambda expression			
functional interface, default method, static method, forEach, method reference			
collectors joining, <b>groupingby</b> , distinct, sorted, optional			
<b>SOLID</b> principle, <b>Liskov</b> ,			
Oracle, Mysql, Microsoft SQL Server, <b>PostgreSQL</b> ,			
MongoDB, <b>cassandra</b> , <b>DynamoDB</b> , <b>CosmosDB</b> , <b>MongoDB Atlas</b>			
Table, Materialized View, subquery, query, Primary Key, Unique Key, <b>Constraint</b> , <b>Clustered</b> Index, Non-Clustered index			
Inner/Left/Right/Outer/Cross/Self join, Foreign Key, Union, Union All,			
Distinct, Group By, <b>Having</b> , Order By, <b>NVL</b> , Ascending, Descending			
Trigger, Stored Procedures, <b>Cursor</b> (光标)			
<b>Partition</b> (分割), Column Group, Document, <b>CAP</b> , <b>ACID</b> , consistency, <b>partition tolerance</b> (分区容差), <b>Atomicity</b> , Isolation, Durability			
Keyspace, lookup			
JDBC, Connection, Data source, statement, prepared statement, callable statement, resultset, SQL Injection, <b>Aggregate</b>			
Relational database, NoSQL database, unstructured, Transactions			

MVC, Controller, Model, View, Dispatch Servlet, Mapping Handler, View Resolver			
URL, URI, domain, Path variable, query parameter, route, request, response, request header, request body			
RequestMapping, Http Methods, Patch, produces, consumes, XML, JSON,			
Rest, Soap, GraphQL, Postman, Swagger, CRUD, Jersey Rest			
Rest Controller,.ResponseBody, @GetMapping @Controller @PathVariable,			
Thymeleaf, Angular, React, Vue, Bootstrap(引导程序), CSS, HttpClient, Ajax, asynchronous			
content negotiation, content type, cookie, session, token, cross origin, CORS			
@EnableWebMvc, @Configuration @Component @Bean @ComponentScan			
400 Bad Request, 403 Forbidden, 500 Internal Server Error, 502 Bad Gateway, 503, 504			
Application Context, Bean factory, web.xml			
IOC, Dependency Injection, @Autowired, @Primary @Qualifier, Controller/Setter/Field based			
Singleton, Prototype, Circular Dependency, BeanCurrentlyInCreationException			
Spring Initializer, Actuator, starter, embedded tomcat server, SpringBootTestInitializer			
@SpringBootApplication @EnableAutoConfiguration @Service @Repository @Value, environment			
Data Access, DAO, DTO, Data source, transaction, CRUD, Pojo			
JdbcTemplate, Hibernate, JPA, Repository, NamedParameterJdbcTemplate, NamedQuery, Proxy			
Session, SessionFactory, Criteria, Entity, GeneratedValue, Composite Primary Key, @Embeddable @EmbeddedId			
association, @JoinColumn, MappedBy, Fetch, Lazy, Eager, Cascade, Persistence Context, Persistent, Detached, boilerplate			
Isolation level, @Transactional, rollbackFor, Propagation, ACID, Optimistic Locking, Pessimistic Locking,			
Cache, 1st level cache, Query cache, CacheProvider, EhCache, logging			
Naming Convention, Pagination, PagingAndSortingRepository, Iterable, JpaRepository			
Global Transaction, Read_Uncommitted, Read_Comitted			
AOP, Aspect oriented programming, pointcut, aspect, advice, ExceptionHandler, ControllerAdvice			
authentication, authorization, customzie, WebSecurityConfigurerAdapter, HttpSecurity, antMatcher, @EnableWebSecurity, CSRF, CORS			
SHA256, BCrypt, SSL Certificate, Encrypted, Encryption, decrypt, Basic Authentication, UsernamePasswordAuthentication, RememberMe			
Encoding, Browser, Cookie, OAuth2, Single SignOn, Token, JWT, payload, symmetric, asymmetric,			
JUnit, Mockito, PowerMock, Selenium, TestNG, Cucumber, HP Quality Center, JMeter, JProfiler, Datadog, CloudWatch, Gatling,			
Unit test, Regression Test, Functional test, E2E test, Load test, performance test, AB Test, Peer test, Automation test, Regression Test,			
Dev, QA, Prod, @RunWith, Spring boot test folder, @Before @After @Test, expected=..., MockMVC, Test Suite, Web Driver			
TDD, BDD, CICD, Continues Integration, Continues Deployment, Pipeline, Jenkins, Git, Code Repo, Bamboo, Github, Bitbucket			
Agile, Sprint, Planning, Standup meeting, Retro, Grooming, Scrum Master, Business team, Jira, Confluence, story points, Waterfall			
MicroService, Monolithic, Architecture, Actuator, Metrics, Eureka, service registry, discovery, @EnableEurekaClient, @EnableEurekaServer			

	Circuit Breaker, Hystrix, fallback method, API Gateway, Zuul, routing, Load Balancer, Ribbon, NgX, Round Robin, Configue Server, Active Profile		
	Async, Rest Template, Kafka, queue, concurrent, replay, RabbitMQ, ActiveMQ, Producer, Consumer, Cluster, Broker, Topic, Partition, Replica, Offset		
	Event, Message, Fanout, Blocking queue, Zookeeper, Fault Tolerance, heartbeat, java properties, @KafkaListener		
	Saga Pattern, 2 phase commit, event based, orchestration,		
	Docker, DockerHub, Kubernetes, K8S, docker-compose,		
	AWS, RDS, Aurora, DynamoDB, S3 bucket, EC2, virtual machine, security group, inbound, outbound, Elastic beanstalk, ECS, lambda serverless,		
	Azure, CosmosDB, GCP,		
	ElasticSearch, Logstash, Kibana, Graphana, GraphQL, ELK,		